

Community Health First \_\_\_\_\_

Joe and Paula Hawkins \_\_\_\_\_

3 Marlin Drive \_\_\_\_\_

Pittsburg, California 94565 \_\_\_\_\_

STATE OF CALIFORNIA  
State Energy Resources  
Conservation and Development Commission

In the Matter of:	)	
	)	
Application for Certification for the	)	Docket No. 98-AFC-3
	)	Air Quality and Public Health
Delta Energy Center	)	Testimony to be read into the record.
	)	By: <u>Community Health First</u>
	)	<u>Joe Hawkins</u>
_____	)	

TO BE SUBMITTED AS TESTIMONY: Community Health First submits that this statement to be true and accurate to the best of my knowledge. I am unable to attend this meeting due to health problems and how they effect my schedule. I request from now on that all of these time tables be moved into afternoon schedules. The testimony is drawn from the EPA letter sent to Ellen Garvy Dated Sept. 23,1999. Regarding the Preliminary Determination of Compliance and the Best Available Control Technology, (BACT). All the information is already on record and is relevant to the proceedings as it has to do with engineering. Also I want to address the already submitted facts, I previously submitted the other day and along with this testimony, and the fact that Delta Energy Center has produced no alternative to Natural Gas Generation that is of a non-polluting renewable energy source.

1. Very simply put, Delta Energy Center does not even meet the BACT as required for Natural Gas Generation according to the EPA and as initially presented according to the letter we all received from the California Energy Commission, (CEC) with the proof of service stamped on 9-28-1999. Since that be the case, I believe that it behooves us all to reconsider even allowing this Plant to be built and to operate period. If they are going to change their estimated data midstream, what else are they going to do when they can not even meet any of the agreements after the plant is built? This is not in the publics best interest.
2. I have already showed the fact that the Majority of this state is already at non-attainment concerning pollution levels, and a amendment is submitted along with this document. Why is this even being considered in the first place? We do not need any more pollution from any other sources. As it is, the mobile pollution sources are getting out of hand as the population increases and we are in the future suppose to phase out MTBE fuel additive which everyone attributes to supposedly cleaner air. As I have already presented non-renewable Power plants produce far more pollution at one source than most of the mobile sources combined. We do not need more pollution and a non-

renewable is not the BACT in the first place. The BACT is non-polluting renewable energy. You can not beat that as the Best Available Control Technology, (BACT).

3. The State of California is now open to other out of State power sources. We really do not need this Energy that badly at this time. Especially at further risking more health care costs which will far outweigh the benefits that this Generation Plant, Delta Energy Center (DEC), proposes to be giving us. In fact as was verbally stated, this generation plants is going to be selling most of it's Energy to USS POSCO. This is not going to be helping the citizens reduce costs in energy and is not in the General publics best interest in that respect either. Since it is polluting and not non-polluting it will only cost the general public far more in health care costs. Which means that this plant has a significant impact on the general public in a negative way.
4. Now if Delta Energy Center where to use the true Best Available Control Technology, (BACT), non-polluting renewable energy, it would have no detriment to the general public's health, and would actually help to lesson the burden this State has concerning pollution levels. Which in turn will lesson the health costs that are attributed to pollution. It is like money in the bank for the General Public and the State of California. And at the same time it is producing the energy USS POSCO needs. Non-polluting power generation would even help in the home values in this area as people who are potential buyers would know that the air is cleaner than if it was a polluting power generation as proposed to date. Also it would be less noticeable aesthetically speaking from the Highway 4 hill between Concord and Pittsburg.
5. For the record, how many pounds of pollutant's does DEC propose to be putting into our atmosphere combined, per day (24 Hours)? How many more solid and Liquid pounds of pollutants will be produced, per day (24 Hours)?
6. For the record how many pounds would a non-polluting renewable energy source produce per day (24 hours)?
7. For the record, How long will those pollutants last in the environment?
8. For the record, what will those pollutants transform or be chemically changed into in the environment? (Air borne, then Liquid , and solid waste respectively)
9. I feel that their is no reason to even be considering this Natural Gas Generation of power. We are not opposed to Non-pollution power generation, the true BACT. The benefits far out way the costs.
10. We want clean air, not more polluted air. We want to be able to look out and see the hills and the mountain ranges, Not have a visibility of 2 to 10 miles from pollution as this non BACT Natural gas generation will be a major contributor in producing. These are not assumptions, these are facts. Any body with eyes can see these facts. If Delta Energy Center, (DEC), is willing to use non-polluting renewable energy, we will not stand in their way. But Natural Gas is polluting any way you put it. Even using the controls submitted they cause pollution in another form. It may not be so much air born as not using them but it still causes pollution that has to be disposed of. Which I have yet to see be addressed.
11. One more fact for the record, EPA studies show that indoor air pollution levels are as high as 10 times that of outdoors. Yet on spare the air days, when the air is in the unhealthy range, we are requested to stay indoors and shut all windows and doors and to go outside as little as possible. We feel this is just one more reason for us not to only

consider non-polluting energy sources, (BACT) as a alternative for Delta Energy Center, but also to not consider any polluting source of energy. When we are requested to go to the air indoors which is normally suppose to be 10 times worse than the air outdoors yet the air out doors is now worse than the indoor air, what does that say to everyone present? Where do we get a chance to breath fresh air and have detoxication of our bodies from the unhealthy air we have to breath? Non-Polluting Renewable Energy is the only way to go here, since this is in the non-attainment designation as the Air Resources Board information I found and submitted as testimony brings out.

Need I say more again?

Since I can not be present at this time I request that this be read into the record, and answered on the record and a copy sent to us. Thank you for your time and patience.

May I also request that any further hearings concerning this case be set in the evening hours not only because of my health but also because that is when people in general are getting off work and can attend. I also request that they be held locally in Pittsburg and announced City wide, Publicly, since the public is suppose to be involved.

For the record, almost everyone and I mean everyone I have asked knows nothing about either 98-AFC-1 nor 98-AFC-3 in this city and every where I have gone and most the people I have approached which number way over 200 people since I found out about this said they knew nothing about this, except about 2 people who said they knew about it, Not including Jim MacDonald who has joined forces with me in this, as I am joining forces with Mike Boyd and California for Renewable Energy. As we all have the same goals and train of thought in general thus far. Save California's air. I feel that the CEC and EPA and BAAQMD and ARB should all have those same goals also but thus far it does not look that way. If this was the case there would be no consideration of any polluting power generation. This is my testimony and I believe it to be true and just as well as supported factually and the only environmentally sound way to go concerning our air.

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10-5-99



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Date

Signature

Attached is "1 Ozone Amended Testimonial 10-3-99.doc" as supporting evidence also.

Community Health First \_\_\_\_\_

Joe and Paula Hawkins \_\_\_\_\_

3 Marlin Drive \_\_\_\_\_

Pittsburg, California 94565 \_\_\_\_\_

STATE OF CALIFORNIA  
State Energy Resources  
Conservation and Development Commission

In the Matter of:	)	
	)	Docket No. 98-AFC-3
Application for Certification for the	)	Evidence To be presented!!!
Delta Energy Center	)	From: <u>Community Health First</u>
	)	<u>Joe Hawkins, Concerning:</u>
<b>More Evidence of Non-Attainment</b>	)	<u>Air Quality and Bad Health effects.</u>
<b>Which can cause adverse health Effects</b>	)	

TO BE SUBMITTED AS TESTIMONY: Community Health First submits that this statement to be true and accurate to the best of my knowledge and from the source used by the Applicant and others for the review of this application.. All the information is relevant to the proceeding. This is not to be taken lightly.

1. <http://www.arb.ca.gov/adm/sld001.htm>



2. <http://www.arb.ca.gov/adm/sld003.htm>



3. <http://www.arb.ca.gov/adm/sld006.htm>





This is from the California Air Resource Board CARB, a department of the California Environmental Protection Agency.

I feel the pictures speak louder than words!!! I can not believe you are even considering allowing this atrocity to take place. This State of California should only be allowing none polluting sources of energy in here. Or does this picture not give anyone a hint? I have already submitted requests with evidence attached to them of the damage caused by Ozone alone. From both EPA and CEC and various links off them.

Let us add this also to the record from the medical community who specializes in just Asthma And Allergy s, Plus other medical proof concerning chemicals and there health effects:

### **Beginning of Quotes:**

<http://www.aaaai.org/media/pressreleases/1999/06/990601.html>



June 1, 1999

American Academy of Allergy, Asthma and Immunology  
611 E. Wells Street  
Milwaukee, WI 53202-3889

Contact: Mary Ann Lasky  
Sarah Cox  
Phone: 414/272-6071  
E-mail: [media@aaaai.org](mailto:media@aaaai.org)

### **HIGH OZONE LEVELS HARMFUL TO RESPIRATORY SYSTEM, ESPECIALLY FOR ASTHMATICS**

MILWAUKEE Taking a deep breath may be a little harder during summer's hot, sunny days when high temperatures create the perfect conditions for the production of ground level ozone. Most Americans are not aware of the harmful effects of ozone, and this lack of knowledge can be especially detrimental to those with asthma and other respiratory diseases.

Ozone can be good or bad depending on its location, which creates much confusion about reports of high ozone levels. In the earth's upper atmosphere, ozone occurs naturally and protects us by shielding the sun's harmful rays. In the lower atmosphere, ozone develops when pollutants react chemically in the presence of sunlight. The more ozone at ground

level, the more people are affected. When ozone levels are high, as they can be in the summer, everyone needs to be conscious of their exposure to this pollution.

Concern over high ozone levels results from the detrimental affects it has on the respiratory system including:

- irritation of the respiratory system causing coughing and irritation in the throat and chest
- a reduction in lung function, making breathing shallow and labored
- inflammation and temporary damage to the lining of the lung

High ozone levels can occur anywhere; however, certain environmental characteristics foster increases in ozone. "Areas with large amounts of automobile traffic, heat inversions (hot air that traps pollutants near the ground), and places that get a lot of sun are more prone to experience high ozone," said David Peden, M.D., a Fellow of the American Academy of Allergy, Asthma and Immunology (AAAAI) and Chair of the AAAAI's Environmental Control and Air Pollution Committee.

While everyone can be adversely affected by ozone, asthmatics are more sensitive to air pollution in general, and ozone at ground level will exacerbate their symptoms. "Many studies have shown that during ozone alerts, asthmatics tend to have attacks that require more frequent use of medication, a doctor's care, or even hospitalization. Ozone can also increase asthmatics' sensitivity to allergens which can trigger allergy and asthma attacks," said Peden. Airborne allergens include pollens, molds, dust mites, cockroaches, and animal dander. In addition to affecting those with asthma, ozone can impact those with other chronic lung diseases such as emphysema and bronchitis, and may increase the risk of respiratory infections.

The AAAAI encourages everyone, especially those with asthma and other respiratory diseases, to take extra precautions during the hazy, hot and humid summer days that foster high ozone levels. Preventative measures to avoid the detrimental effects of ozone exposure include:

- Pay attention to air quality reports. During the summer ozone season, this information is often reported during weather forecasts, printed in newspapers, and posted on Web sites.
- Stay indoors as much as possible during ozone alert days, especially in the afternoon when ozone levels are highest.
- Avoid outdoor exercise in the late afternoon on days when ozone levels are high. Exercise increases the effects of ozone because more of it enters the lungs.
- Use air conditioning which keeps air cool and dry while filtering out pollens and molds so they do not enter the home.

- If you have a child with asthma, make sure that camp counselors, coaches, teachers and other care givers are aware of high ozone days, follow preventative measures and have access to medications.
- If you suffer from a respiratory illness like asthma, talk with your allergist about developing a special treatment plan to manage your symptoms on high ozone days.

"The best way for asthmatics to reduce flare ups on high ozone days is to use prudent common sense," advises Peden. "Avoid spending great amounts of time outdoors during peak ozone times, especially when exercising, and work with your allergist to create a good long-term asthma management plan that treats the underlying airway inflammation, the root cause of asthma."

Asthma is an inflammatory disease of the bronchial tubes and affects more than 17 million Americans. Common symptoms of asthma are wheezing, shortness of breath, tightness of the chest, difficulty breathing during or after physical activity and waking up at night due to any of these symptoms. Asthma results in more than 5,000 deaths each year.

The American Academy of Allergy, Asthma and Immunology is the largest professional medical specialty organization in the United States representing allergists, asthma specialists, clinical immunologists, allied health professionals, and others with a special interest in the research and treatment of allergic disease. Allergy/immunology specialists are pediatric/internal medicine physicians who have elected an additional two years of training to become specialized in the treatment of allergy, asthma, and immunologic disease. Established in 1943, the Academy has over 5,800 members in the United States, Canada and 60 other countries.

**Also quoted from this another page on the same site.**

**<http://www.aaaai.org/media/pressreleases/1998/98-07/980731.html>**

According to the U.S. Environmental Protection Agency, one out of every three people in the U.S. is at a high risk of experiencing ozone-related health effects. Ozone in the earth's lower atmosphere is the product of the chemical reaction between sunlight and air pollutants, primarily nitric/nitrous oxides (NOX) and volatile organic compounds (VOC). The primary sources of these pollutants are motor vehicles and large and small industry emissions. In the warmer summer months, ozone concentrations in the air can reach high levels, especially in more populated areas. "Everyone who breathes should be interested in the ozone. I tell all patients that when the weatherman says it's an ozone alert day, he's talking to you," comments Richard L. Wasserman, M.D., Ph.D., a practicing allergy/asthma specialist in Dallas, Texas, and Vice-Chair of the AAAAI's Public Education Committee.



During ozone alerts, many asthmatics have attacks that require more frequent use of medication, a doctor's care, or even hospitalization. Ozone can also increase asthmatics' sensitivity to allergens substances that can trigger allergy and asthma attacks. Airborne allergens can include pollens, molds, dust mites, cockroaches, and animal dander. In addition to affecting those with asthma, ozone can impact those with other chronic lung diseases, such as emphysema and bronchitis, and may increase the risk of respiratory infections.

**Quote from: Chemical Sensitivity: Environmental diseases and pollutants-how they hurt us, how to deal with them. From Sherry A. Rogers, M.D. from Prestige Publishers, Box 3161, Syracuse, NY 13220.**

**Pages 10 & 11 Under the heading, THE TOTAL LOAD CONCEPT**

A person with chemical susceptibility can become depleted of conjugates if he persists in living in an environment that overburdens his detoxication pathways. The man who has a headache and difficulty concentrating at work when using a particular solvent will be less likely to recover if he has recently painted or carpeted his home. His xenobiotic detoxication capacity may become overloaded and even exhausted. This is especially true if his nutrient status is marginal, as it can be with a diet of mainly processed foods and alcohol. All aspects of his lifestyle, then, become very important to his recovery.

One can quickly see how his alcohol consumption (also metabolized by this same phase I system using alcohol dehydrogenase and aldehyde dehydrogenase) becomes an important consideration-as well as the rest of his diet and **environment**-in determining how well he **handles the chemical at work**. Hence the concept of *total load* or **total body burden** becomes crucial to successful treatment. You can readily appreciate how parts of the currently operational medical model or paradigm need to be changed in order to successfully treat the victim of chemical sensitivity. *Chemical sensitivity does not follow the rules of drug-oriented medicine.*

Right now, drugs and surgery are the current mainstay of treatment for most disease. But give a drug (a foreign chemical that is metabolized by the same P-450 system) to a person with an already compromised system, and you make him worse. The already overloaded system is further stressed and new symptoms emerge. So treatment of these patients frustrates physicians whose only tools are drugs .

**\* Pg12, paragraph before the sub heading continues**

We know that every airborne chemical in a room reaches an equilibrium in the blood of those people who are in the room. And a chemical odor does not have to be perceived in order to be in the blood or to cause a symptom. Odorless carbon monoxide can kill just as effectively as cyanide. But in the individual with a compromised detoxication system,

**ambient odorless *undetoxified xenobiotics can backlog and damage* regulatory enzymes and proteins. Alternate chemical processing pathways may be used, like the cytochrome P-448 system. However, this system can also convert the backlogged chemicals to carcinogens or more toxic chemicals than the original compound, or trigger the formation of auto-anti-bodies (Parke 1987). Thus, when you fail to properly detoxify chemicals that you cannot even smell, they can backlog in the body and create new diseases, including cancer.**

**\*\*The bold areas I put in for emphasis. Italics is the authors.**

Sherry A. Rogers, M.D. uses the reference material- Park, DV: Activation mechanisms to chemical toxicity. ARCH TOXICOL: 60:5-15, 1987

End of Quotes.

I have already submitted the information concerning what was in the PSA and the FSA (Part 1 of 2), concerning the additive effects of chemicals. I have submitted the Staff's own words. Those showing that chemicals even in amounts considered safe alone, when mixed with other chemicals are additive.

Need I say more? This is obviously the truth and facts as it comes from reliable sources I hope? At least I know Sherry A. Rogers, MD is reliable. It is your decision to count the CEC, Staff, and ARB as reliable to date.

I already expect the applicant to call this a assumption as they always do, so for the record I submit this as evidences

As I have already included evidence with requests I have another request at present.

I request that a knowledgeable person from the California Air Resources Board (ARB) be present at this hearing to testify to the validity of the modeling used and the readings found at the monitoring stations used in determining this 98-AFC-3 & 98-AFC-1 also. I have some questions I would like to ask this person. Because the readings I removed from their web site do not show proper modeling and are suspect of misinformation and tampering.

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10-3-99

A handwritten signature in cursive script, appearing to read "J. P. Harris". The signature is written in dark ink and is positioned above a horizontal line.

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Date

Signature